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Substitute for form 1449A/PTO

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Sheet 1 of 1

Application Number	10/689,149
Filing Date	October 20, 2003
First Named Inventor	Miri Seiberg
Group Art Unit	
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

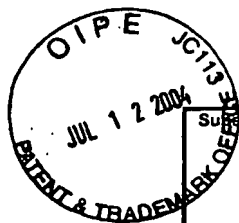
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Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
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PTO/SB/08A (08-00)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

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/CH/		3,097,947	A	Kemmerer	07-16-1963	
/CH/		3,625,976	A	Theimer	12-07-1971	
/CH/		3,755,560	A	Dickert	08-28-1973	
/CH/		4,007,266	A	Choay	02-08-1977	
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/CH/		4,272,544	A	Cella	06-09-1981	
/CH/		4,278,570	A	Flom	07-14-1981	
/CH/		4,279,930	A	Hall	09-14-1979	
/CH/		4,297,348	A	Frazier	10-27-1981	
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/CH/		4,370,315	A	Greff	01-25-1983	
/CH/		4,382,960	A	Flom	05-10-1983	
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/CH/		4,434,095	A	Chipens et al.	02-28-1984	
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/CH/		4,477,434	A	Kosaka	10-16-1984	

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Sheet 3 of 22

Application Number	10/689,149
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First Named Inventor	Miri Seiberg et al.
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/CH/		4,970,216	A	Deckner	11-13-1990	
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/CH/		5,032,400	A	Wiersum	07-16-1991	
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/CH/		5,077,038	A	Hofmann	12-31-1991	
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/CH/		5,104,655	A	Bombardelli	04-14-1992	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

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/CH/		4,550,035	A	Smith	10-29-1985	
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/CH/		4,612,192	A	Scheuffgen	09-16-1986	
/CH/		4,690,821	A	Smith	09-01-1987	
/CH/		4,707,293	A	Ferro	12-17-1987	
/CH/		4,760,096	A	Sakai	07-26-1988	
/CH/		4,793,991	A	Slimak	12-27-1988	
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/CH/		4,834,076	A	Millet	05-30-1989	
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/CH/		4,867,964	A	Forestier	09-19-1989	
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/CH/		4,906,457	A	Ryan	03-06-1990	
/CH/		4,943,462	A	Komerska	07-24-1990	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 4 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

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/CH/		5,260,065	A	Mathur	11-09-1993	
/CH/		5,270,042	A	Whitham	12-14-1993	
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/CH/		5,306,444	A	Kitamura	04-26-1994	
/CH/		5,310,734	A	Losch	05-10-1994	
/CH/		5,322,839	A	Voegell	06-21-1994	
/CH/		5,352,443	A	Kubo	10-04-1994	
/CH/		5,362,494	A	Zysman	11-08-1994	
/CH/		5,364,886	A	Loliger	11-15-1994	
/CH/		5,393,519	A	Dowell	02-28-1995	
/CH/		5,397,497	A	Jakobson	03-14-1995	
/CH/		5,407,675	A	Etemad-Moghadam	04-18-1995	
/CH/		5,411,742	A	Sebag	05-02-1995	
/CH/		5,427,814	A	Loliger	06-27-1995	
/CH/		5,428,026	A	Colarow	06-27-1995	
/CH/		5,438,044	A	Losch	08-01-1995	
/CH/		5,439,672	A	Zabotto	08-08-1995	
/CH/		5,443,839	A	Meybeck	08-22-1995	
/CH/		5,443,840	A	Morancals	08-22-1995	
/CH/		5,446,605	A	Umehara	08-29-1995	
/CH/		5,466,452	A	Whittle	11-14-1995	
/CH/		5,498,420	A	Mentrup Edgar	03-12-1996	
/CH/		5,503,832	A	De Stoutz	04-02-1996	
/CH/		5,505,946	A	Kennedy et al.	04-09-1996	
/CH/		5,510,391	A	Elson	04-23-1996	
/CH/		5,523,308	A	Costanzo	06-04-1996	
/CH/		5,539,129	A	Zysman	07-23-1996	

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Sheet 5 of 22

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/CH/		5,545,399	A	Lee	08-13-1996	
/CH/		5,547,661	A	Sun	08-20-1996	
/CH/		5,554,647	A	Perricone	09-10-1996	
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/CH/		5,565,493	A	Nakata et al.	10-15-1996	
/CH/		5,567,420	A	McEleney	10-22-1996	
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/CH/		5,578,297	A	Mellul	11-26-1996	
/CH/		5,589,181	A	Bencsits	12-31-1996	
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/CH/		5,597,814	A	Blank	01-28-1997	
/CH/		5,601,833	A	Roboer	02-11-1997	
/CH/		5,603,949	A	Meybeck	02-18-1997	
/CH/		5,605,894	A	Blank	02-25-1997	
/CH/		5,607,666	A	Masson	03-04-1997	
/CH/		5,607,692	A	Ribier	03-04-1997	
/CH/		5,614,180	A	Chung	03-25-1997	
/CH/		5,614,215	A	Ribler	03-25-1997	
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/CH/		5,618,522	A	Kaletka	04-08-1997	
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/CH/		5,622,690	A	Potter	04-22-1997	
/CH/		5,626,868	A	Morancais	05-06-1997	
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/CH/		5,643,587	A	Scancarella	07-01-1997	
/CH/		5,643,601	A	Gross	07-01-1997	
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/CH/		5,780,456	A	Blank	07-14-1998	
/CH/		5,780,457	A	Blank	06-14-1998	
/CH/		5,780,458	A	Blank	07-14-1998	
/CH/		5,780,459	A	Blank	07-14-1998	
/CH/		5,786,345	A	Blank	07-28-1998	
/CH/		5,786,346	A	Blank	07-28-1998	
/CH/		5,789,396	A	Blank	08-04-1998	
/CH/		5,795,879	A	Blank	08-18-1998	
/CH/		5,801,163	A	Blank	09-01-1998	
/CH/		5,804,216	A	Terren	09-08-1998	
/CH/		5,807,545	A	Coffindaffer	09-15-1998	
/CH/		5,824,702	A	Wei	10-20-1998	
/CH/		5,833,965	A	Sun	11-10-1998	
/CH/		5,834,013	A	Ribier	11-10-1998	
/CH/		5,840,717	A	Blank	11-24-1998	
/CH/		5,843,926	A	Blank	12-01-1998	
/CH/		5,863,546	A	Swinehart	01-26-1999	
/CH/		5,869,470	A	Blank	02-09-1999	
/CH/		5,871,743	A	Chajuss	02-16-1999	
/CH/		5,871,823	A	Anders et al.	02-16-1999	
/CH/		5,880,314	A	Shinomiya	03-09-1999	
/CH/		5,885,593	A	Epstein	03-23-1999	
/CH/		5,885,596	A	Parab	03-23-1999	
/CH/		5,885,600	A	Blum	03-23-1999	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 8 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		5,885,617	A	Jordan	03-23-1999	
/CH/		5,885,948	A	Glenn	03-23-1999	
/CH/		5,908,618	A	Lorant	06-01-1999	
/CH/		5,912,175	A	Wille, Jr.	06-15-1999	
/CH/		5,916,577	A	Golz	06-29-1999	
/CH/		5,928,654	A	Duranton	07-27-1999	
/CH/		5,928,658	A	Kishida	07-27-1999	
/CH/		5,928,889	A	Bakich	07-27-1999	
/CH/		5,936,052	A	Bothe et al.	08-10-1999	
/CH/		5,942,479	A	Frankenback	08-24-1999	
/CH/		5,945,095	A	Mougin	08-31-1999	
/CH/		5,945,109	A	Schmidt	08-31-1999	
/CH/		5,952,373	A	Lanzendorfer	09-14-1999	
/CH/		5,958,387	A	Bara	09-28-1999	
/CH/		5,961,980	A	Kennedy	10-05-1999	
/CH/		5,962,015	A	Delrieu	10-05-1999	
/CH/		5,962,441	A	Blank	10-05-1999	
/CH/		5,965,153	A	Allen	10-12-1999	
/CH/		5,972,355	A	Knight et al.	10-26-1999	
/CH/		5,981,450	A	Fabry	11-09-1999	
/CH/		5,985,338	A	Suh	11-16-1999	
/CH/		5,985,809	A	Frankenback	11-16-1999	
/CH/		5,990,291	A	Waggle	11-23-1999	
/CH/		6,004,915	A	Elliott	12-21-1999	
/CH/		6,013,250	A	Cannell	01-11-2000	
/CH/		6,013,255	A	Edens	01-11-2000	
/CH/		6,017,549	A	Knight et al.	01-25-2000	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 9 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
/CH/		6,017,893	A	Segelman	01-25-2000	
/CH/		6,018,001	A	Hiratani et al.	01-25-2000	
/CH/		6,019,962	A	Rabe	02-01-2000	
/CH/		6,030,931	A	Vinski	02-29-2000	
/CH/		6,033,680	A	Dixon	03-07-2000	
/CH/		6,045,779	A	Mueller	04-04-2000	
/CH/		6,048,520	A	Hoshowski	04-11-2000	
/CH/		6,051,602	A	Bissett	04-18-2000	
/CH/		6,054,137	A	Breton	04-25-2000	
/CH/		6,060,070	A	Gorbach	05-09-2000	
/CH/		6,063,398	A	Gueret	05-16-2000	
/CH/		6,080,393	A	Liu et al.	06-27-2000	
/CH/		6,093,411	A	Bissett	07-25-2000	
/CH/		6,096,327	A	Lezdey et al.	08-01-2000	
/CH/		6,126,933	A	Warne et al.	10-03-2000	
/CH/		6,180,662	B1	Lanzendorfer	01-30-2001	
/CH/		6,183,761	B1	Bissett	02-06-2001	
/CH/		6,183,762	B1	Deckers et al.	02-06-2001	
/CH/		6,261,603	B1	McElwain	07-17-2001	
/CH/		6,323,219	B1	Costanzo	11-27-2001	
/CH/		6,433,025	B1	Lorenz	08-13-2002	
/CH/		6,558,656	B2	Mann	05-06-2003	
/CH/		2004/0009142	A1	Zambaux et al.	01-15-2004	

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Signature

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Date
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08/01/2007

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 10 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	KindCode ⁵				
/CH/		AU	724988	B2	Genentech, Inc.	05-29-1998	=WO 98/19700	
/CH/		CN	1094279	A	Wang	11-02-1994	English Abstract	No
/CH/		EP	0 273 202	A2	Van Scott et al.	07-06-1988		
/CH/		EP	0 393 532	A2	Schering Corporation	10-24-1990		
/CH/		EP	0 421 021	A1	Mucos Emulsionsgesellschaft	04-10-1991		Yes
/CH/		EP	0 473 502	A1	Shiseido Co. Ltd.	03-04-1992		
/CH/		EP	0 508 886	A1	Digital Equipment Corporation	10-14-1992	=JP 5114905	
/CH/		EP	0 574 352	A1	Ciba-Geigy AG	12-15-1993		
/CH/		EP	0 643 083	A1	Essilor International	03-15-1995	English Abstract &d Claims from B1 Doc	No
/CH/		EP	0 643 960	A1	Laboratoire de Biologie Vegetale Yves Rocher	03-22-1995	=US 5,741,496	No
/CH/		EP	0 655 470	A1	Ciba-Geigy AG	05-31-1995	=US 5,712,356 & 5,936,052	No
/CH/		EP	0 661 037	A1	L'Oreal	07-05-1995	=US 5,629,015	No
/CH/		EP	0 707 851	A2	Fockerman et al.	04-24-1996		
/CH/		EP	0 713 106	A1	Menicon Co., Ltd.	05-22-1996		
/CH/		EP	0 758 687	A1	Ciba-Geigy AG	02-19-1997		
/CH/		EP	0 774 249	A2	Unilever PLC	05-21-1997		
/CH/		EP	0 811 595	A1	Mitsui Toatsu Chemicals, Inc.	12-10-1997		
/CH/		EP	0 814 116	A1	Huls AG	12-29-1997	=US 5,871,823	No
/CH/		EP	0 963 761	A1	J&J Vision Products	12-15-1999	VTN0410	
/CH/		EP	1 074 240	A2	J&J Consumer Products Inc.	02-07-2001	JBP510	
/CH/		EP	1 077 063	A2	J&J Consumer Products Inc.	02-21-2001	JBP0402	
/CH/		EP	1 192 938	A2	J&J Consumer Products Inc.	04-03-2002	JBP0523	
/CH/		EP	1 236 402	A2	J&J Consumer Products Inc.	09-04-2002	J&J2001	
/CH/		EP	1 236 465	A2	J&J Consumer Products Inc.	09-04-2002	J&J2002	
/CH/		FR	2 596 986	A1	Sederma SA (FR)	10-16-1987	English Abstract	No
/CH/		FR	2 641 696	A1	Sederma SA (FR)	07-20-1990	English Abstract	No
/CH/		FR	2 685 202	A1	Sederma SA (FR)	06-25-1993	English Abstract	No

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 11 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	KindCode ⁵				
/CH/		FR	2 803 747	A1	Laboratoires Pharmascience	07-20-2001		Yes
/CH/		FR	2 811 226	A1	Clarins Laboratoires	01-11-2002		Yes
/CH/		JP	1096106	A	Shiseido Company, Ltd	04-14-1989		Yes
/CH/		JP	3127713	A	Sansho Pharmaceutical et al.	05-30-1991		Yes
/CH/		JP	4169514	A	Shiseido Company, Ltd.	06-17-1992		Yes
/CH/		JP	5015574	A	Japan Atom Energy Res Inst, et al.	01-26-1993		Yes
/CH/		JP	5114905	A	Digital Equipment Corp.	05-07-1993	=EP 0 508 886	No
/CH/		JP	5213729	A	Kao Corporation	08-24-1993		Yes
/CH/		JP	5246932	A	KK Japan Hypo	09-24-1993		Yes
/CH/		JP	5320024	A	Dowa Mining Co. Ltd.	12-03-1993		Yes
/CH/		JP	5320061	A	Soken Company, Ltd.	12-03-1993		Yes
/CH/		JP	6145061	A	Fuji Selyu KK	05-24-1994	English Abstract	No
/CH/		JP	6192085	A	Inada Y	07-12-1994	English Abstract	No
/CH/		JP	7010772	A	Fuji Selyu KK	01-13-1995	English Abstract	No
/CH/		JP	7196527	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
/CH/		JP	7196529	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
/CH/		JP	7304655	A	Kikkoman Corp.	11-21-1995		Yes
/CH/		JP	8012560	A	Shiseido Company, Ltd.	01-16-1996		Yes
/CH/		JP	8020597	A	Meiji Pharmaceutical Company, Ltd.	01-23-1996		Yes
/CH/		JP	8040824	A	Nonogawa Shoji:KK	02-13-1996	English Abstract	No
/CH/		JP	8059450	A	Kose Corporation	03-05-1996	English Abstract	No
/CH/		JP	8099891	A	Pola Chemical Industrial Company, Ltd.	04-16-1996		Yes
/CH/		JP	8143442	A	Kikkoman Corp.	06-04-1996	English Abstract	No
/CH/		JP	8333260	A	Kaminomoto Honpo:KK	12-17-1996	English Abstract	No
/CH/		JP	9025212	A	Shiseido Co. Ltd.	01-28-1997		Yes
/CH/		JP	9025214	A	Shiseido Co. Ltd.	01-28-1997		Yes
/CH/		JP	9059166	A	Kikkoman Corp.	03-04-1997	English Abstract	No

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 12 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

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		Office ³	Number ⁴	KindCode ⁵				
/CH/		JP	9077638	A	Art Beauty Clinic KK	03-25-1997	English Abstract	No
/CH/		JP	9176033	A	Pigeon Corp.	07-08-1997	English Abstract	No
/CH/		JP	11346695	A	National Food Res. Inst. Ryookoku Shoji KK	12-21-1999		Yes
/CH/		JP	58225003	A	Ichimaru Fuarukosu KK	12-27-1983		Yes
/CH/		JP	58225004	A	Ichimaru Fuarukosu KK	12-27-1983	English Abstract	No
/CH/		JP	59187756	A	Erika KK	10-24-1984	English Abstract	No
/CH/		JP	62036304	A	Kashiwa Chemical Industries	02-17-1987		Yes
/CH/		JP	63068512	A	Awase Kosufua Company Ltd., et al.	03-28-1988		Yes
/CH/		JP	63096120	A	Matsuura Pharmaceutical Company	04-27-1988		Yes
/CH/		JP	63227515	A	New Japan Chemical Engineering KK	09-21-1988		Yes
/CH/		JP	63316711	A	Nonogawa Shoji Company, Ltd.	12-26-1988		Yes
/CH/		JP	2000302678	A	Crescendo Corp.	10-31-2000	English Abstract	No
/CH/		KR	92-8851	B1	Park	10-01-1992		Yes
/CH/		KR	92-8853	B	Song	10-10-1992	English Abstract	No
/CH/		RU	2066992	C1	Ostroumova Nadezhda Mikhajlovna	09-27-1996		Yes
/CH/		WO	87/07838	A1	Societe Bio Serac Sarl	12-30-1987	=US 4,978,528	No
/CH/		WO	91/04283	A1	Chang et al.	04-04-1991		
/CH/		WO	91/07166	A1	Washington State University	05-30-1991		
/CH/		WO	92/09639	A2	Bausch & Lomb Incorporated	08-11-1992		
/CH/		WO	92/09650	A1	Bausch & Lomb Incorporated	06-11-1992		
/CH/		WO	94/06485	A1	Ciba-Geigy AG	03-31-1994		
/CH/		WO	95/04609	A1	Ciba-Geigy AG	02-16-1995		
/CH/		WO	95/09002	A1	University of Pennsylvania	04-06-1995		
/CH/		WO	95/09011	A1	University of Pennsylvania	04-06-1995		
/CH/		WO	95/24885	A1	Handelman	09-21-1995		
/CH/		WO	96/09806	A2	Handelman	04-04-1996		
/CH/		WO	96/19483	A1	Biochem Pharma Inc.	06-27-1996		

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Sheet 13 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
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		Office ³	Number ⁴	KindCode ⁵				
/CH/		WO	96/19491	A1	Biochem Pharma Inc.	06-27-1996		
/CH/		WO	96/24371	A1	Phairson Medical Inc.	08-15-1996		
/CH/		WO	96/24392	A1	Fidia Advanced Biopolymers	08-15-1996		
/CH/		WO	96/30035	A1	Molecumetrics Ltd.	10-03-1996		
/CH/		WO	96/30396	A1	Molecumetrics Ltd.	10-03-1996		
/CH/		WO	96/31194	A2	J&J Consumer Products Inc.	10-10-1996	JBP0319	
/CH/		WO	96/37497	A1	Biochem Pharma Inc.	11-28-1996		
/CH/		WO	96/40121	A1	Taisho Pharmaceutical Co. Ltd.	12-19-1996		Yes
/CH/		WO	96/40199	A1	University of Pennsylvania	12-19-1996		
/CH/		WO	97/11033	A2	Nord-Beton GMBH	03-27-1997	English Abstract	No
/CH/		WO	97/18904	A1	Massachusetts Institute of Technology	05-29-1997		
/CH/		WO	97/35998	A1	Trustees of Boston University	10-02-1997		
/CH/		WO	97/39733	A1	The Procter & Gamble Company	10-30-1997		
/CH/		WO	98/01107	A1	Industria E Comercio de Cosmeticos Natura	01-15-1998		
/CH/		WO	98/02134	A1	J&J Consumer Products Inc.	01-22-1998	J&J1616	
/CH/		WO	98/02138	A1	Industria E Comercio de Cosmeticos Natura	01-22-1998		
/CH/		WO	98/05333	A1	Molecumetrics Ltd.	02-12-1998		
/CH/		WO	98/08503	A1	Novogen Research Pty. Ltd.	03-05-1998		
/CH/		WO	98/09987	A1	Biochem Pharma, Inc.	03-12-1998		
/CH/		WO	98/17246	A1	ROC	04-30-1998		
/CH/		WO	98/33089	A1	Menicon Co., Ltd.	07-30-1998	=US 6,018,001	No
/CH/		WO	98/49153	A1	Novogen Inc.	11-05-1998		
/CH/		WO	99/09065	A1	Eberhard-Karls-Univ.	02-25-1999		Yes
/CH/		WO	99/15917	A1	Novartis AG	04-01-1999		
/CH/		WO	99/24003	A1	The Procter & Gamble Company	05-20-1999		
/CH/		WO	99/30729	A1	J&J Consumer Products Inc.	06-24-1999	JBP0438	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 14 of 22

Application Number	10/689,149
Filing Date	10-20-2003
First Named Inventor	Miri Seiberg et al.
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	KindCode ⁵				
/CH/		WO	99/36050	A1	Novogen Research Pty. Ltd.	07-22-1999		
/CH/		WO	99/57178	A1	Bausch & Lomb Incorporated	11-11-1999		
/CH/		WO	00/15188	A1	Sedema	03-23-2000		Yes
/CH/		WO	00/43049	A1	Pharmacia & Upjohn Company	07-27-2000		
/CH/		WO	00/51554	A2	Johns Hopkins University	09-08-2000		
/CH/		WO	00/62740	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62741	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62743	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62744	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/62745	A2	The Procter & Gamble Company	10-26-2000		
/CH/		WO	00/69404	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	00/69406	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	00/69407	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	00/69408	A1	The Procter & Gamble Company	11-23-2000		
/CH/		WO	01/34099	A1	J&J Consumer Products Inc.	05-17-2001	JBP0518	
/CH/		WO	01/35920	A1	Hindustan Lever Limited	05-25-2001		
/CH/		WO	02/07697	A1	Cognis France S.A.	01-31-2002	=US 2004/009142	Yes

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/CH/		"A Combined Soybean Crushing-Deodorizing System that Yields 100-200 Mesh Powder for Food Additive Use has been Developed by SHINYU ZOKI CO. LTD. And MITSUBISHI RAYON ENGINEERING LTD.", <i>Tech Times</i> , pp 10 (1978).	
/CH/		"Avon's Anew Positivity Trio Targets Menopausal Women", <i>The Rose Sheet</i> , February 28, 2000, page 8	
/CH/		"CaspACE™ Assay System, Colorimetric", Product Improvements, Neural Notes Volume V, Issue 1, p 13 (1999) PROMEGA CORPORATION.	
/CH/		"Elhibin®" Product Brochure, PENTAPHARM, Centerchem, Inc., Stamford, CT, publicly available prior to February 28, 2001.	

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Sheet 15 of 22

Application Number	10/689,149
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/CH/		"EnzChek® Protease Assay Kits" Product Information, MP06638, pp 1-4, Revised February 25, 2001, MOLECULAR PROBES, Eugene, OR.	
/CH/		"Flavosterone S (Soybean Extract Contained Iso-Flavone)", ICHIMARU PHARCOS CO., LTD. pp 11-13 (December 22, 1998).	
/CH/		"Isoral" Soybean power makes your skin clear and moist!" - Brochure, publicly available prior to February 28, 2001.	
/CH/		"Lipoxydase Code 411784", Lipoxydase File April 1999, A LIBiol Body Care Composition.	
/CH/		"Nudit Advertisement", publicly available prior to February 28, 2001.	
/CH/		"Patent Abstracts - Gastric Juice for Antiaging 1997".	
/CH/		"Patent Abstracts - Plant extracts for skin whitening", publicly available prior to February 28, 2001.	
/CH/		"Patent Abstracts - Soybeans for skin pigmentation 1997".	
/CH/		"Patent Abstracts - Soybeans for skin whitening 1997".	
/CH/		"Patent Abstracts of requested patent titles 1996".	
/CH/		"Patent List - Thrombin Inhibitors: List of Relevant Patent Applications as of July 8, 1998, and October 1, 1996."	
/CH/		"Plant Extract Containing Female Hormone-Like Isoflavones - Flavosterone", leaflet from ICHIMARU PHARCOS issued March 7, 1997	
/CH/		"Product for Damaged hair by Bristol-Myers-Squibb", (Abstract) publicly available prior to February 28, 2001.	
/CH/		"RQ1 RNase-Free DNASE", PROMEGA CORPORATION, Technical Bulletin No. 518, pp 1-4, February 2000, Part#TB518, Promega Corporation, 2800 Woods Hollow Rd., Madison, WI 53711-5399	
/CH/		"Soy Protein Prevents Skin Tumors From Developing in Mice", <i>Gene Therapy Weekly</i> , ISSN 1078-2842, pp 21 (November 8, 2001).	
/CH/		"Soy Therapy", www.wiseessentials.com/soytherapy.html (email from Jue-Chen Liu, Ph.D. to Cunero et al dated April 13, 2000) WISE ESSENTIALS.	
/CH/		"Soybean Technology Improves Skin", <i>Allured's Cosmetics & Toiletries Magazine</i> , Vol. 115, No. 3, March 2000, p 22.	
/CH/		"Superscript II Reverse Transcriptase" protocol published by Gibco-BRL (now Life Tech Inc.) April 1992	
/CH/		"The Joy of Soy", www.wheat-grass.com/851_oral_liquid.shtml, WHEATGRASS EXPRESS, INC., 1996.	
/CH/		"ThermoScript™ RNase H-Reverse Transcriptase", INVITROGEN™ LIFE TECHNOLOGIES, www.invitrogen.com/content.cfm, Invitrogen Corporation, 2001.	
/CH/		"Whitening with Soybean? HR has launched "Future White" in Japan", Helena Rubinstein, publicly available prior to February 28, 2001.	

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	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
	Examiner Name	
	Attorney Docket Number	J&J1886CIP1

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/CH/		AHRENS ET AL, "Photocarcinogenesis and Inhibition of Intercellular Adhesion Molecular I Expression in Cells of DNA-Repair-Defective Individuals", <i>Proc. National Academy of Sciences</i> , Vol. 94 (1997) pp 6837-6841.	
/CH/		BADASH ET AL, "Effect of Gamma Irradiation of Field and Storage Fungi of Wheat, Maize and Soybean", <i>Chemie Mikrobiologie Technologie der Lebensmittel</i> (1992).	
/CH/		BALSAM ET AL, <i>Cosmetics, Science and Technology</i> , 2nd Edition, Vol. 1, pp 32-43 (1972).	
/CH/		BALSAM ET AL, <i>Cosmetics, Science and Technology</i> , 2nd Edition, Vol. 1, pp 72-73 (1972).	
/CH/		BARBUCH ET AL, "The Use of Thermospray Liquid Chromatography/Tandem Mass Spectrometry for the Class Identification and Structural Verification of Phytoestrogens in Soy Protein Preparations", <i>Biomedical and Environmental Mass Spectrometry</i> , Vol. 18 (1989) pp 973-977.	
/CH/		BAREL ET AL, "Suction Method for Measurement of Skin Mechanical Properties: The Cutometer®", Chapter 14.3, pp 335-340, <i>Handbook of Non-Invasive Methods and the Skin</i> , Jorgen Serup and G.B.E. Jemec (1995).	
/CH/		BATISTA ET AL, "Primary Structure of a Kunitz-Type Trypsin Inhibitor From Enterolobium Contortisiliquum Seeds", <i>Phytochemistry</i> , Vol. 41, No. 4, (1996) pp 1017-1022.	
/CH/		BENSHIMOL, "The Biochemistry And Nutrition Group: 30 Years Of Research In A Developing Country", <i>Archivos Latinoamericanos De Nutricion</i> , Vol. 44, No. 4-S, pp 6-S-9-S (1994).	
/CH/		BILLINGS ET AL, "A Growth-Regulated Protease Activity that is Inhibited by the Anticarcinogenic Bowman-Birk Protease Inhibitor", <i>Pro. Natl. Acad. Sci.</i> , Vol. 89, pp 3120-3124 (1992).	
/CH/		BIRK, "Protein Proteinase Inhibitors in Legume Seeds - Overview", <i>Archivos Latinoamericanos de Nutricion</i> , Vol. 44, No. 4-S (1994) pp 26-S-30-S.	
/CH/		BIRK, "The Bowman-Birk Inhibitor - Trypsin- and Chymotrypsin-Inhibitor from Soybeans", <i>Int. J. Peptide Protein Res.</i> , Vol. 25, pp 113-131 (1985).	
/CH/		BLACKHEART ET AL, "Ligand Cross-Reactivity Within the Protease-Activated Receptor Family", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 28, pp 16466-16471 (1996)	
/CH/		BONIFACINO ET AL, "Electrophoresis and Immunoblotting", Chapter 6, pp 6.0.1-6.6.1, <i>Current Protocols in Cell Biology</i> , copyright 2000 by John Wiley & Sons, Inc.	
/CH/		BRASS ET AL, "Protease-Activated G Protein Coupled Receptors On Human Platelets and Endothelial Cells", <i>F.K. Schattauer Verlagsgesellschaft mbH (Stuttgart)</i> , Vol. 78, No. 1, pp 234-241 (1997).	
/CH/		CHOMCZYNSKI ET AL, "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction", <i>Analytical Biochemistry</i> , Vol. 162, pp 156-159 (1987).	
/CH/		CLARK ET AL, "Tryptase Inhibitors Block Allergen-induced Airway and Inflammatory Responses in Allergic Sheep", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 152, pp 2076-2083, 1995.	
/CH/		CONNOR ET AL, "Depletion of Cutaneous Glutathione By Ultraviolet Radiation", <i>Photochemistry and Photobiology</i> , Vol. 46, No. 2, pp 239-245 (1987).	

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	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
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/CH/		COSTANZO ET AL, "Potent Thrombin Inhibitors That Probe The S1 Subsite: Tripeptide Transition State Analogues Based On A Heterocycle Activated Carbonyl Group", <i>J. Med. Chem.</i> , Vol. 39, 1996, pp 3039-3043.	
/CH/		COUGLIN, "Protease Activated Receptors Start A Family", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, 1994, pp 9200-9202.	
/CH/		COVELLI ET AL, "Diazepam Inhibits Phagocytosis and Killing Exerted By Polymorphonuclear Cells and Monocytes From Healthy Donors", Abstract, <i>Immunopharmacology and Immunotoxicology</i> , Vol. 11, No. 4 (1989) pp. 701-714, copyright © 1989 by Marcel Dekker, Inc.	
/CH/		CUNNIFF, "Official Methods of Anaysis of AOAC International", 16 th Adition, 5 th Revision (1999) AOAC International.	
/CH/		DE SEIDL, "Interaction of Proteases with Legume Seed Inhibitors, Molecular Features", <i>Archivos Latinoamericanos de Nutricion</i> , Vol. 44, No. 4-S (1994) pp 21-S - 25-S.	
/CH/		DERIAN ET AL, "Differential Regulation of Human Keratinocyte Growth and Differentiation by a Novel Family of Protease-activated Receptors", <i>Cell Growth & Differentiation</i> , Vol. 8, pp 743-749, July 1997.	
/CH/		DEWITT ET AL, "Astrocytes Regulate Microglial Phagocytosis Of Senile Plaque Cores Of Alzheimer's Disease", <i>Experimental Neurology</i> , Vol. 149, Article No. EN976738 (1998) pp 329-340.	
/CH/		DOOLITTLE, "Proteins", <i>Reading from Scientific American - The Molecules of Life</i> , Chapter 4, pp 38-47 (1985).	
/CH/		DORING, "The Role Of Neutrophil Elastase In Chronic Inflammation", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 150, 1994, pp S114 - S117.	
/CH/		DUNAEVSKY ET AL, "Two Groups of Protease Inhibitors Functionally Active in Buckwheat Seeds", soba.shinshu-u.ac.jp/contents/105.html , publicly available prior to February 28, 2001.	
/CH/		DUNAEVSKY ET AL, "Isolation and Properties of Anionic Protease Inhibitors from Buckwheat Seeds", <i>Biochemistry and Molecular Biology International</i> , Vol. 40, No.1, (September 1996) pp 199-208.	
/CH/		EBLING ET AL, "Hair", <i>Journal of Investigative Dermatology</i> , Vol. 67, No. 1, pp 98-105 (July 1976).	
/CH/		EBLING, "Hair Follicles and Associated Glands as Androgen Targets", <i>Clinics in Endocrinology and Metabolism</i> , Vol. 15, No. 2, pp 319-339 (May 1986).	
/CH/		FAGERHOLM ET AL, "The Effect of a Drug-delivery System Consisting of Soybean Phosphatidyl Choline and Medium-chain Monoacylglycerol on the Intestinal Permeability of Hexarelin in the Rat", <i>J. Pharm. Pharmacol.</i> (1998) Vol. 50, pp 467-473.	
/CH/		FIMIANI ET AL, "Mid-Dermal Elastolysis; An Ultrastructural and Biochemical Study", <i>Arch. Dermatol Res.</i> , Vol. 287, (1995) pp 152-157.	
/CH/		FOX ET AL, "Identification Of Potential Activators Of Proteinase-Activated Receptor-2", <i>Federation of European Biochemical Societies</i> , FEBS Letters 417 (1997) pp 267-269.	
/CH/		GALVEZ ET AL, "Chemopreventive Property of a Soybean Peptide (Lunasin) That Binds to Deacetylated Histones and Inhibits Acetylation", <i>Cancer Research</i> , Vol. 61, No. 20, pp 7473-7478 (October 15, 2001).	
/CH/		GRANT-THEULE, "Periodontal Disease, Diabetes, and Immune Response: A Review Of Current Concepts", <i>Periodontal Abstracts</i> , Vol. 44, No. 3, 1996, pp 69-77.	

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/CH/		GREENBERGER, "Immunologic Aspects Of Lung Diseases And Cystic Fibrosis", <i>JAMA</i> , Vol. 278, No. 22 (1997) pp 1924-1930.	
/CH/		GUO ET AL, "A Serine Protease From Suspension-Cultured Soybean Cells", <i>Phytochemistry</i> , Vol. 47, No. 4 (1998) pp 547-553.	
/CH/		HACHIMI ET AL, "Do Microglial Cells Phagocyte The B/A4-Amyloid Senile Plaque Core of Alzheimer Disease?", <i>C.R. Academy of Science, Paris, Sciences de la vie/Life sciences</i> , Vol. 317, 1994, pp. 445-451.	
/CH/		HACKER, "Common Disorders Of Pigmentation - When are more than cosmetic cover-ups required?", <i>Postgraduate Medicine</i> , Vol. 99, No. 6, 1996, pp 177-186.	
/CH/		HAFEZ ET AL, "Effects of Gamma Irradiation on Proteins and Fatty Acids of Soybean", <i>Journal of Food Science</i> , Vol. 50 (1985) pp 1271-1274.	
/CH/		HAMADA, "Evaluation of the Effects of Hair Re-growth Agents on Lengthening the Anagen Phase Period and Blockade of Anagen phase-Catagen phase Transformation", <i>J. Soc. Cosmet. Chem. Japan</i> , Vol. 31, No.4 (1997) pp 413-419.	Yes
/CH/		HANADA ET AL, "Photoprotective Effect of Esterified Glutathione Against Ultraviolet B-Induced Sunburn Cell Formation in the Hairless Mice", <i>The Journal of Investigative Dermatology</i> , Vol. 108, No. 5, pp 727-730 (1997).	
/CH/		HASLER ET AL, "Nutrition Communique, Soy: Just a Hill of Beans?", <i>Journal of Women's Health</i> , Vol. 7, No. 5 (1998) pp 519-523.	
/CH/		HATTORI ET AL, "Effects of sup.60 Co- gamma-rays on Defatted Soybean Powder", <i>Food Irradiation</i> , Vol. 3, No. 1, pp 104-110 (1968).	
/CH/		HAYASHI ET AL, "Inhibition of Serine Proteases of the Blood Coagulation System by Squash Family Protease Inhibitors", <i>J. Biochem.</i> , Vol. 116, No. 5, pp 1013-1018 (1994).	
/CH/		HENDRICH ET AL, "Defining Food Components as New Nutrients", <i>American Institute of Nutrition, Food Composition</i> (1994) pp 1789S-1792S.	
/CH/		HOFF ET AL, "Macrophage Uptake Of Cholesterol-Containing Particles Derived From LDL and Isolated From Atherosclerotic Lesions", <i>European Heart Journal</i> , Vol. 11, Supplement E, 1990, pp 105-115.	
/CH/		HOLLENBERG ET AL, "Proteinase-Activated Receptor-2 in Rat Aorta: Structural Requirements for Agonist Activity of Receptor-Activating Peptides", <i>Molecular Pharmacology</i> , Vol. 49, pp 229-233 (1996).	
/CH/		ITAMI ET AL, "Mechanism of Action of Androgen in Hair Follicles", <i>Journal of Dermatological Science</i> , 7 Suppl., S98-S103 (July 1994).	
/CH/		JIMENEZ ET AL, "Mammalian Tyrosinase: Biosynthesis, Processing and Modulation By Melanocyte Stimulating Hormone", <i>Proc. Natl. Acad. Sci. USA</i> (1988), Vol. 85, pp 3830-3834.	
/CH/		JIMENEZ ET AL, "Specific Identification of an Authentic Clone for Mammalian Tyrosinase", <i>The Journal of Biological Chemistry</i> , (1989) Vol. 264, No. 6, pp 3397-3403.	
/CH/		JINGTIAN ET AL, "Studies of Soy Sauce Sterilization and its Special Flavour Improvement by Gamma-Ray Irradiation", <i>Radiation Physics and Chemistry</i> , Vol. 31, Nos 1-3, pp 209-213 (1988)	
/CH/		KEETON ET AL, "The Chemistry of Life", <i>Biological Science</i> , Fourth Edition, Chapter 3, pp 66-67 (1986)	

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/CH/		KENNEDY ET AL, "Prevention of Carcinogenesis by Protease Inhibitors", <i>Cancer Research</i> , Vol. 54, No. 7 (Suppl), pp 1999s-2005s (April 1, 1994).	
/CH/		KENNEDY, "The Evidence for Soybean Products as Cancer Preventive Agents", <i>The Journal of Nutrition</i> , Vol. 125, No. 3 Suppl, pp 733s-743s (March 1995).	
/CH/		KENNEDY, "Chemopreventive Agents: Protease Inhibitors," <i>Pharmacol. Ther.</i> , Vol. 78, No. 3, pp 167-209, 1998, Copyright 1998 Elsevier Science Inc.	
/CH/		KENNEDY, "The Bowman Birk Inhibitor from Soybeans As An Anticarcinogenic Agent", <i>American Journal of Clinical Nutrition</i> , Vol. 68(suppl), pp 1406S-1412S (1998).	
/CH/		KOVACS ET AL, "Effect of Irradiation and Dielectric Heating on Soybean Ultrastructure, Trypsin Inhibitor, and Lipoygenase Activities", <i>Food Structure</i> , Vol. 10, pp 217-227 (1991)	
/CH/		LAM ET AL, "Combined Effect of Irradiation and Dielectric Heating on Chemical Properties of Soybeans", <i>7th Symp. On Radiation Chemistry</i> , pp 477-483 (1990)	
/CH/		LIMTRAKUL ET AL, "Suppressive Effect of Soybean Milk Protein on Experimentally Induced Skin Tumor in Mice", <i>Life Sciences</i> , Vol. 53 (1993) pp 1591-1596.	
/CH/		LIU ET AL, "Aqueous Ethanol Extraction of Soybean Trypsin Inhibitors and Characterization of a Calcium-Sensitive Fraction", <i>Journal of Food Biochemistry</i> , Vol. 15 (1991) pp 159-168.	
/CH/		LIU, "Chemistry And Nutritional Value Of Soybean Components", in <i>Soybeans, Chemistry, Technology and Utilization</i> , pp. 32-35 (copyright © 1997 by Chapman & Hall).	
/CH/		MACFARLANE ET AL, "Refractory Periodontitis Associated With Abnormal Polymorphonuclear Leukocyte Phagocytosis and Cigarette Smoking", <i>J. Periodontol</i> , Vol. 63, No. 11, November 1992, pp 908-913.	
/CH/		MAES ET AL, "Leukocytosis, Monocytosis and Neutrophilia: Hallmarks Of Severe Depression", <i>J. Psychiat. Res.</i> , Vol. 26, No. 2 (1992) pp 125-134.	
/CH/		MAHONEY ET AL, "Amino Acid Sequence and Secondary Structural Analysis of the Corn Inhibitor of Trypsin and Activated Hageman Factor", <i>Journal of Biological Chemistry</i> , Vol 259, No. 13 (July 10, 1984) pp 8412-8416.	
/CH/		MCADAMS ET AL, "Neutrophil and Monocyte Phagocytosis In Depressed Patients", <i>Prog. Neuro-Psychopharmacol & Biol. Psychiat</i> (1993) Vol. 17, pp 971-984.	
/CH/		McCutcheon's Emulsifiers and Detergents 1986, North American Edition, McCutcheon Division, Mc Publishing Co., Glen Rock, New Jersey, pp 317-324 (1986).	
/CH/		MEISTER, "Glutathione, Ascorbate, and Cellular Protection", <i>Cancer Research</i> , Vol. 54, pp 1969s-1975s (1994).	
/CH/		Merck Index (12th Edition), Edited by Susan Budavari (1996) Thrombin., entry 9525, p 1601.	
/CH/		Merck Index (12th Edition), Edited by Susan Budavari (1996) Trypsin, entry 9926, p 1669.	
/CH/		MERCOLA, "Concerns Regarding Soybeans", www.rheumatic.org/soy.htm , publicly available prior to February 28, 2001.	
/CH/		MESSINA, "Soy Intake and Cancer Risk: A Review of the In Vitro and In Vivo Data", <i>Nutrition and Cancer</i> , Vol. 21, No. 2 (1994) pp 113-131.	
/CH/		MEZEI ET AL, "Liposomes-A Selective Drug Delivery System for the Topical Route of Administration: Gel Dosage Form", <i>Journal of Pharmaceutics and Pharmacology</i> , Vol. 34 (1982), pp 473-474.	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
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Sheet 20 of 22

Application Number	10/689,149
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Group Art Unit	1616
Examiner Name	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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/CH/		MEZEI, "Liposomes as a Skin Drug Delivery System", <i>Topics in Pharmaceutical Sciences</i> (D. D. Breimer and P. Spelser, eds.), Elsevier Science Publishers B. V., New York, N.Y., 1985, pp 345-358.	
/CH/		MIYAGI ET AL, "Trypsin Inhibitor Activity in Commercial Soybean Products in Japan", <i>J. Nutr. Sci. Vitaminol</i> (1997) Vol. 43, pp 575-580.	
/CH/		MOLINARI ET AL, "Inhaled Trypsinase Causes Bronchoconstriction in Sheep Via Histamine Release", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 154, pp 649-653, 1996.	
/CH/		MOLINO ET AL, "Interactions of Mast Cell Trypsinase with Thrombin Receptors and PAR-2", <i>Journal of Biological Chemistry</i> , Vol. 272, No. 7, 14 Feb 1997, pp 4043-4049.	
/CH/		MORITA ET AL, "Partial Purification and Characterization of a Novel Soybean Protease Which is Inhibited by Kunitz and Bowman-Birk Trypsin Inhibitors", <i>J. Biochem.</i> , Vol. 119, No. 4, 1996, pp 711-718.	
/CH/		MULIMANI ET AL, "Effect of Heat Treatments on Trypsin/Chymotrypsin Inhibitor Activity of Red Gram (Cajanus Cajan L.)", <i>Plant Foods for Human Nutrition</i> , Vol. 46, No. 2, (1994) pp 103-107.	
/CH/		MULIMANI ET AL, "Effects Of Heat Treatment and Germination On Trypsin and Chymotrypsin Inhibitory Activities In Sorghum (Sorghum Bicolor (L.) Moench) Seeds", <i>Plant Foods for Human Nutrition</i> , Vol. 44, No. 3 (1993) pp 221-226.	
/CH/		MURPHY, "Phytoestrogen Content of Processed Soybean Products", <i>Food Technology</i> , Vol. 1, pp 60-64 (1982).	
/CH/		MUSCLOW ET AL., "Fluorescence Assay To Monitor Phagocytosis By Blood-Clot Derived Polymorphonuclear Leucocytes, 1 Study Of Patients With Diabetes And Phagocytosis Of Different Staphylococcal Species", <i>Cytobios</i> , Vol. 65, 1991, pp 15-24 (published and (C) 1991 by the Faculty Press, Cambridge, Great Britain).	
/CH/		MYSLIBORSKI ET AL, "Therapy for Acne Vulgaris", <i>Comprehensive Therapy</i> , Vol. 7, No. 1, pp 13-16 (January 1981).	
/CH/		NIEMIEC ET AL., "Influence of Nonionic Liposomal Composition on Topical Delivery of Peptide Drugs into Pilosebaceous Units: An in Vivo Study Using the Hamster Ear Model", <i>Pharmaceutical Research</i> , Vol. 12, No. 8, 1995, pp 1184-1188.	
/CH/		ODANI ET AL, "Studies on Soybean Trypsin Inhibitors. XIII. Preparation and Characterization of Active Fragments from Bowman-Birk Proteinase Inhibitor", <i>Journal Biochem.</i> , Vol. 83, No. 3, pp 747-753 (1978).	
/CH/		ODANI ET AL., "Wheat Germ Trypsin Inhibitors. Isolation and Structural Characterization of Single-Headed and Double-Headed Inhibitors of the Bowman-Birk Type", <i>J. Biochem.</i> , Vol. 100, pp 975-983 (1986).	
/CH/		Official Compendia of Standards, USP 24 USP/NF 19", US Pharmacopeial Convention, Inc. 2000 (Board of Trustees, US Pharmacopeial Convention, Inc.)	
/CH/		OGAWA, "Current Problem of Research on Hair Growth Mechanisms and Hair Growth Promoters", <i>Fragrance Journal</i> , Vol. 5, pp 1-5 (1989)	
/CH/		ORLOW ET AL, "Subcellular Distribution Of Tyrosinase and Tyrosinase-Related Protein-1: Implications For Melanosomal Biogenesis", <i>The Journal of Investigative Dermatology, Inc.</i> , Vol. 100, No. 1, January 1993, pp 55-64.	

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/CH/		QUILLIEN ET AL, "Trypsin Inhibitor Polymorphism: Multigene Family Expression and Posttranslational Modification", <i>Journal of Protein Chemistry</i> , Vol. 16, No. 3 (1997) pp 195-203.	
/CH/		REINER, "Altered Cell Signaling and Mononuclear Phagocyte Deactivation During Interacellular Infection", <i>Immunology Today</i> , Vol. 15, No. 8 (1994) pp 374-381.	
/CH/		RIPKA ET AL, "Chapter 8: Antithrombotics/Serine Protease", Covads International, San Diego, CA, publicly available prior to February 28, 2001.	
/CH/		ROBERT ET AL, "Cell-Matrix Interactions In The Genesis Of Arteriosclerosis and Ateroma, Effect of Aging", <i>Laboratoire de Biologie du Tissu Conjonctif</i> , Annals New York Academy of Sciences, 1992, pp 331-341.	
/CH/		SANTULLI ET AL, "Evidence for the Presence of a Protease-Activated Receptor Distinct from the Thrombin Receptor in Human Keratinocytes", <i>Proceeding of the National Academy of Sciences USA</i> , Vol. 92, Sept 1995, pp 9151-9155.	
/CH/		SCOTTI, "Soy-derived Protease Inhibitors Treat Cancer and Inflammation", Windhover Information Inc. (1998).	
/CH/		SEIBERG ET AL, "Trypsin-Induced Follicular Papilla Apoptosis Results in Delayed Hair Growth and Pigmentation", <i>Developmental Dynamics</i> , Vol. 208, pp 553-564 (1997).	
/CH/		SESSA ET AL, "Toasted Soybean Flour Components with Trypsin Inhibitor Activity", <i>JAOCS</i> , Vol. 63, No. 6, pp 784-788 (June 1986)	
/CH/		SETCHELL, "High-Performance Liquid Chromatographic Analysis of Phytoestrogens in Soy Protein Preparations with Ultraviolet Electrochemical and Thermospray Mass Spectrometric Detection", <i>Journal of Chromatography</i> , Vol. 386 (1987) pp 315-323, CHROMSYMP. 956.	
/CH/		SHARPELL ET AL, "Preservation of Cosmetics", Chapter 51, pp 887-900, Disinfection, Sterilization and Preservation, 4th Edition, Seymour S. Block, Ph. D., Lea & Febiger (1991) publicly available prior to February 28, 2001.	
/CH/		SLIGH JR. ET AL, "Inflammatory and Immune Responses are Impaired in Mice Deficient in Intercellular Adhesion Molecule 1", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, 1993, pp 8529-8533.	
/CH/		SONG ET AL, "PS04.01.44 Crystal Structure of the Complex of Porcine Pancreatic Trypsin with Kunitz-Type Soybean Trypsin Inhibitor", <i>Crystallography of Biological Macromolecules</i> , p. C-106, XVII Congress and General Assembly of the International Union of Crystallog, (1996) (www.bmsc.wahing...ts/abstracts/S0081.html)	
/CH/		SONG ET AL, "Kunitz-Type Soybean Trypsin Inhibitor Revisited: Refined Structure of its Complex with Porcine Trypsin Reveals an Insight into the Interaction Between a Homologous Inhibitor from Erythrina Caffra and Tissue-type Plasminogen Activator", <i>J. Mol. Biol.</i> , Vol. 275, pp 347-363 (1998).	
/CH/		STEENVOORDEN ET AL, "Protection Against UV-Induced Reactive Intermediate in Human Cells and Mouse Skin by Glutathione Precursors: A Comparison of N-Acetylcysteine and Glutathione Ethylester", <i>Photochemistry and Photobiology</i> , Vol. 67, No. 6, pp 651-656 (1998).	
/CH/		STEENVOORDEN ET AL, "The Use of Endogenous Antioxidants to Improve Photoprotection", <i>Journal of Photochemistry and Photobiology B: Biology</i> , Vol. 41 (1997) pp 1-10.	
/CH/		STENN ET AL, "Glucocorticoid Effect on Hair Growth Initiation: A Reconsideration," <i>Skin Pharmacol.</i> , Vol. 6, pp 125-134 (1993).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 22 of 22	Application Number	10/689,149
	Filing Date	10-20-2003
	First Named Inventor	Miri Seiberg et al.
	Group Art Unit	1616
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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/CH/		TAN-WILSON, "Relevance of Multiple Soybean Trypsin Inhibitor Forms to Nutritional Quality", <i>Nutritional and Toxicological Significance of Enzyme Inhibitors in Foods</i> , Edited by Mendel Friedman, Chapter 22, pp 391-411 (1985), Department of Biological Sciences, State University of New York at Binghamton.	
/CH/		TASHIRO ET AL., "The Complete Amino Acid Sequence of Rice Bran Trypsin Inhibitor", <i>J. Biochem.</i> , Vol. 102, No. 2, pp 297-306 (1987).	
/CH/		TERADA ET AL., "Amino Acid Sequences of Double-headed Proteinase Inhibitors from the Seeds of <i>Canavalia Lineata</i> ", <i>Biosci. Biotech. Biochem.</i> , Vol. 58, No. 2, pp 376-379 (1994).	
/CH/		THORNTON ET AL., "Effect of Androgens on the Growth of Cultured Human Dermal Papilla Cells Derived from Beard and Scalp Hair Follicles", <i>The Journal of Investigative Dermatology</i> , Vol. 97, No. 2, pp 345-348 (August 1991).	
/CH/		TRAVIS ET AL., "The Role Of Proteolytic Enzymes In The Development Of Pulmonary Emphysema And Periodontal Disease", <i>American Journal of Respiratory and Critical Care Medicine</i> , Vol. 150, 1994, pp S143-S146.	
/CH/		TRONNIER ET AL., "Adhesion Molecule Expression In Normal Skin and Melanocytic Lesions", <i>Journal of Cutaneous Pathology</i> , Vol. 24, 1997, pp 278-285.	
/CH/		TYRRELL ET AL., "Correlation Between Endogenous Glutathione Content and Sensitivity of Cultured Human Skin Cells to Radiation at Defined Wavelengths in the Solar Ultraviolet Range", <i>Photochemistry and Photobiology</i> , Vol. 47, No. 3, pp 405-412 (1988).	
/CH/		VAN DE STOLPE ET AL., "Intercellular Adhesion Molecule-1", <i>J. Mol. Med.</i> , Vol. 74, 1996, pp 13-33.	
/CH/		VAN DEN BROEKE ET AL., "Topically Applied N-acetylcysteine as a Protector Against UVB-Induced Systemic Immunosuppression", <i>Journal of Photochemistry and Photobiology, B: Biology</i> , Vol. 27, pp 61-65 (1995).	
/CH/		WANG ET AL., "Effects of Soybean Trypsin Inhibitor on Digestive Physiology and Growth and Development of <i>Helicoverpa Armigera</i> Larvae", <i>Acta Entomologica Sinica</i> , Vol. 38, No. 3 (August 1995) pp 272-274.	Yes
/CH/		WEBSTER, "Inflammation In Acne Vulgaris", <i>Journal of the American Academy of Dermatology</i> , Vol. 33, No. 2, Part 1, 1995, pp 247-253.	
/CH/		WILEY ET AL., "Cardiovascular and Renal - Small-molecule direct thrombin inhibitors", <i>Exp. Opin. Ther. Patents</i> , Vol. 7, No. 11, 1997, pp 1265-1282 (Ashley Publications Ltd. ISSN 1354-3776).	
/CH/		XIANG ET AL., "A Study of Nexin 1 of Skin and Hair Follicle during Postnatal Development Period of Rat", <i>Zhongguo Yi Xue Ke Xue Yaun Xue Bao</i> , Vol. 20, No. 2, pp 127-132 (April 1998) ABSTRACT	
/CH/		YU ET AL., "Message of Nexin 1, a Serine Protease Inhibitor, is Accumulated in the Follicular Papilla During Anagen of the Hair Cycle", <i>Journal of Cell Science</i> , Vol. 108, Pt 12 (December 1995) pp 3867-3874 ABSTRACT	

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SUBMISSION UNDER MPEP 609 D Page 1 of 1	Application Number	10/689,149
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	First Named Inventor	Miri Seiberg
	Group Art Unit	1616
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U.S. PATENT DOCUMENTS

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			Number	Filing Date	
/CH/		Halas et al.	10/611,100	07-01-2003	J&J5041
/CH/		Seiberg et al.	09/110,409	07-06-1998	JBP0430
/CH/		Seiberg et al.	10/659,598	09-10-2003	JBP0430CIP
/CH/		Seiberg et al.	09/361,429 / 2002/0065300A1	07-27-1999	JBP0465
/CH/		Seiberg et al.	09/206,249	12-07-1998	JBP0438
/CH/		Seiberg et al.	10/092,810 / 2002/0197244A1	03-07-2002	JBP0586DIV
/CH/		Liu et al.	09/677,511	09-29-2000	JBP0523CIP
/CH/		Seiberg et al.	09/621,565	07-20-2000	JBP0510
/CH/		Seiberg et al.	10/434,309	05-08-2003	JBP0510DIV
/CH/		Seiberg et al.	10/253,736 / 2003/0064048A1	09-23-2002	JBP0510CNT
/CH/		Liu et al.	10/370,680 / 2003/0224075A1	02-20-2003	JBP0585
/CH/		Miller et al.	6,555,143 / 2002/0160063A1	02-28-2001	J&J1998
/CH/		Liu et al.	09/796,054 / 2002/0160062A1	02-28-2001	J&J2001
/CH/		Saliou et al.	09/795,762 / 2002/0160061A1	02-28-2001	J&J2002
/CH/		Saliou et al.	10/082,905 / 2002/0192313A1	02-25-2002	J&J2091CIP

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		Office ³	Number ⁴	KindCode ⁵				
/CH/		EP	0 341 745	A1	FIDIA S.p.A.	11-15-1989		
/CH/		EP	0 476 311	A1	De Stoutz	03-25-1992	English Claims from B1 document	No

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/CH/		BABIARZ-MAGEE ET AL, "The Expression and Activation of Protease-Activated Receptor-2 Correlate with Skin Color", <i>Pigment Cell Res.</i> , Vol. 17 (2004) pp 241-251.	
/CH/		HERMANN ET AL, "Unraveling the Patterns of Subclinical Pheomelanin-Enriched Facial Hyperpigmentation: Effect of Depigmenting Agents", <i>Dermatology</i> , Vol. 201 (2000) pp 118-122.	
/CH/		LIU ET AL, "Application of Soy in Skin Care", <i>Journal Nutr.</i> , Vol. 132 (2002) pp 574S.	
/CH/		PAINE ET AL, "An Alternative Approach to Depigmentation by Soybean Extracts via Inhibition of the PAR-2 Pathway", <i>Journal Investigative Dermatology</i> , Vol. 116 (2001) pp 587-595.	
/CH/		SCOTT ET AL, "Protease-Activated Receptor 2, a Receptor Involved in Melanosome Transfer, is Upregulated in Human Skin by Ultraviolet Irradiation", <i>Journal Investigative Dermatology</i> , Vol. 117 (2001) pp 1412-1420.	
/CH/		SCOTT ET AL, "Proteinase-Activated Receptor-2 Stimulates Prostaglandin Production in Keratinocytes: Analysis of Prostaglandin Receptors on Human Melanocytes and Effects of PGE2 and PGF2 α on Melanocyte Dendricity", <i>Journal Investigative Dermatology</i> , Vol. 122 (2004) pp 1214-1224.	
/CH/		SCOTT ET AL, "The Proteinase-Activated Receptor-2 Mediates Phagocytosis in a Pho- Dependent Manner in Human Keratinocytes", <i>Journal Investigative Dermatology</i> , Vol. 121 (2003) pp 529-541.	
/CH/		SEIBERG ET AL, "Inhibition of Melanosome Transfer Results in Skin Lightening", <i>Journal Investigative Dermatology</i> , Vol. 115 (2000) pp 162-167.	
/CH/		SEIBERG ET AL, "Soy Extracts Reduce Hair Growth and Hair Follicle Dimensions", <i>Hair Science and Technology</i> , D. Van Neste (editor) (2003) pp 391-400.	
/CH/		SEIBERG ET AL, "Soy milk Reduces Hair Growth and Hair Follicle Dimensions", <i>Experimental Dermatology</i> , Vol. 10 (2001) pp 405-423.	
/CH/		SEIBERG ET AL, "The Protease-Activated Receptor 2 Regulates Pigmentation via Keratinocyte-Melanocyte Interactions", <i>Experimental Cell Research</i> , Vol. 254 (2000) pp 25-32.	
/CH/		SEIBERG ET AL, "The Protease-Activated Receptor-2 Regulates Pigmentation via Melanosome Phagocytosis", <i>Mechanisms of Suntanning</i> , J. P. Ortonne and R. Ballotti (editors) (2002) pp 215-278.	
/CH/		SEIBERG ET AL, "The Regulation of Pigmentation by Serine Proteases and Their Inhibitors", Inhibition of Human Proteases: From Target Identification to Therapy, CHI Press (1998) pp 1-3.	
/CH/		SEIBERG, "Keratinocyte-Melanocyte Interactions During Melanosome Transfer", <i>Pigment Cell Res.</i> , Vol. 14 (2001) pp 236-242.	
/CH/		SHARLOW ET AL, "The Protease-Activated Receptor-2 Upregulates Keratinocyte Phagocytosis", <i>Journal of Cell Science</i> , Vol. 113 (2000) pp 3093-3101.	
/CH/		WILSON ET AL, "Immunocytochemical Study of the Interaction of Soybean Trypsin Inhibitor with Rat Intestinal Mucosa", <i>Gut</i> , Vol. 19 (1978) pp 260-266.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Confirmation Number	6375
Application Number	10/689,149
Filing Date	10/20/2003
First Named Inventor	Miri Seiberg
Group Art Unit	1616
Examiner Name	
Attorney Docket Number	J&J1886CIP1

U.S. PATENT DOCUMENTS

Exam Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
/CH/		4,603,146	A	Kligman	07-29-1986	
/CH/		4,727,088	A	Scott et al.	02-23-1988	
/CH/		5,670,547	A	Milstein et al.	09-23-1997	

FOREIGN PATENT DOCUMENTS

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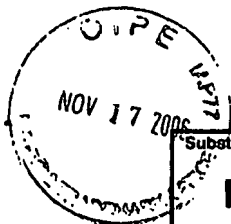
Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name	Marina Lamm
Attorney Docket Number	J&J1886USCIP1

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/CH/		2004/0063593	A1	Wu et al.	04-01-2004	

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/CH/		DE	4432947	A	New Standard GmbH	03-21-1996	English Abst.	
/CH/		DE	19634206	A	Reinke Ludwig Dr.	03-05-1998	English Abst.	
/CH/		DE	19818849	A	Med-Beauty AG	10-29-1998	English Abst.	
/CH/		EP	0 581 624	A1	Expanchimie SARL	02-02-1994	English Abst.	
/CH/		EP	0 581 624	B1	Expanchimie SARL	02-02-1994	English Claims	
/CH/		EP	0 582 239	A1	Rhone-Poulenc Rorer	02-09-1994	English Abst.	
/CH/		EP	0 582 239	B1	Rhone-Poulenc Rorer	02-09-1994	English Claims	
/CH/		EP	1 210 946	A	Neutrogena Corp.	06-05-2002		
/CH/		JP	60061513	A	Sansei Seiyaku KK	04-09-1985	English Abst.	
/CH/		WO	99/00110	A1	Andre et al.	01-07-1999	English Abst.	
/CH/		WO	99/39682	A2	Fernandez-Kleinlein et al.	08-12-1999		

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/CH/		5,843,907	A	Sakai et al.	12-01-1998	
/CH/		5,888,522	A	Pickart	03-30-1999	
/CH/		6,248,350	B1	Mori et al.	06-19-2001	
/CH/		6,447,809	B1	Krumhar et al.	09-10-2002	
/CH/		2,924,525		Kruse et al.	02-09-1960	

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		Office ³	Number ⁴	Kind Code ⁵				
/CH/		JP	63135310	A	Lion Corp.	06-07-1988		X
/CH/		JP	1093519	A	Shiseido Co. Ltd.	04-12-1989		X
/CH/		JP	9025213	A	Shiseido Co. Ltd.	01-28-1997		X
/CH/		WO	02/067988	A2	Regents/Univ. of Michigan	09-06-2002		
/CH/		JP	10139654	A	Lion Corp.	05-26-1998	English Abst.	
/CH/		JP	06256156	A	Maruzen Pharma	09-13-1994	English Abst.	

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/CH/		http://www.faqs.org/health/Sick-V1/Acne.html	

Examiner Signature	/Carlic Huynh/	Date Considered	08/01/2007
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